

Form PTO 1449
Rev. 7-80

U.S. Department of Commerce
Patent and Trademark Office
LIST OF PRIOR ART CITED BY APPLICANT
(Use Several Sheets If Necessary)

Atty. Docket No.
Mo-7309US/NRC-67

Sheet 1 of 6

Serial No.
10/079,286

Applicant
Peter R. Jepson et al

Filing Date
February 20, 2002

Group
1753

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,242,481	09/07/93	Kumar	75	364	
AB	6,348,139 B1	02/19/02	Shah et al	204	298.13	
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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AL	02/25271	09/19/01	World		
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Corrosion 95 The NACE International Annual Conference and Corrosion Show (date unavailable) pages 1-14 Corrosion Resistant Properties of Tantalum by P. Kumar, S. M. Cardonne and H. D. Schwartz
AS	NRC Tantalum, Mill Products Fabrications and Capacitor Grade Powders (date unavailable) pages 1-17
AT	Materials Science Forum, Vol. 157-162 (month unavailable) 1994 pgs. 1695-1698, Texture Gradient Effects in Tantalum by S. I. Wright, A. J. Beaudoin and G. T. Gray III
EXAMINER	DATE CONSIDERED 3/6/04
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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		Applicant Peter R. Jepson et al	
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Sheet 2 of 6

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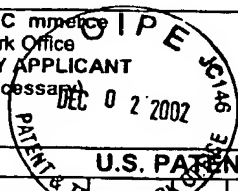
AR	Metallurgical Transactions A, Vol. 23A, August 1992 pgs 2183-2191 Influence of Transverse Rolling on the Microstructural and Texture Development in Pure Tantalum by J. B. Clark, R. K. Garrett, T. L. Jungling, and J. J. Asfahani
AS	popLA, October 1995, Los Alamos National Laboratory, Manual by S. I. Wright and U. F. Kocks
AT	Journal De Physique IV, Colloque C7, supplement au Journal de Physique III, Vol. 3, November 1993, pgs. 523-526, Texture and microstructure of high purity tantalum by D. Raabe, K. Lucke and G. Gottstein
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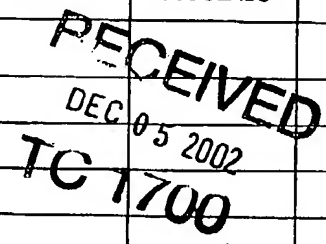
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AR	Metallurgical Transactions A, Vol. 22A, December 1991, pgs. 2959-2968, Influence of Initial Ingot Breakdown on the Microstructural and Textural Development of High-Purity Tantalum by J. B. Clark, R. K. Garrett Jr., T. L. Jungling, and R. I. Asfahani
AS	Metallurgical Transactions A, Vol. 22A, September 1991, pgs. 2039-2048, Effect of Processing Variable on Texture and Texture Gradients in Tantalum by J. B. Clark, R. K. Garrett Jr., R. A. Vandermeer and C. L. Vold
AT	Proceeding of the Twelfth International Conference on Textures of Materials, (date unavailable), pgs. 1357-1362, Affect of Localized Texture on Sputter Performance of Tantalum by G. A. Michaluk, D. B. Smathers and D. P. Field

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AR	Materials Science and Technology, April 1994, Vol. 10, pgs 299-305, Texture and Microstructure of Rolled and Annealed Tantalum by D. Raabe, G. Schlenkert, H. Weisshaupt, and K. Lucke
AS	JOM, October 1989, pgs. 40-44, Correlating Microstructure and Texture in Cold-Rolled Ta Ingot by C. Feng and P. Kumar
AT	Acta Metall., Vol. 34, , No. 11, pgs 2105-2117 (month unavailable) 1986, Investigation of the Development of the Recrystallization Textures in Deep Drawing Steels by ODF Analysis by F. Emren, U. Von Schlippenbach and K. Lucke
EXAMINER	DATE CONSIDERED 3/6/01
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Acta Metall., Vol. 34, No. 7, pgs. 1289-1301, (month unavailable) 1986, Investigation of the Development of the Cold Rolling Texture in Deep Drawing Steels by ODF-Analysis by U. von Schluppenbach, F. Emren and K. Lucke
AS	JOM, March 2002, pgs. 51-54, Quantifying the Recrystallization Texture of Tantalum by C. A. Michaluk, M. M. Nowell, and R. R. Witt
AT	The Minerals, Metals & Materials Society, (month unavailable) 1997, pgs. 279-290, Uniformity of Properties in Alloy 706 Through Control of Forging and Heat Treatment by M. M. Morra and P. Jepson

EXAMINER *[Signature]* DATE CONSIDERED 3/6/04

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	AM							
	AN							
	AO							
	AP							

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AR	JOM, October 1989, pgs. 46-52, Controlling the Texture of Tantalum Plate by C. Pokross
AS	Materials Science and Technology Division, (date unavailable) pgs. 547-558, Powder Processing of Tantalum by S. R. Bingert, V. D. Vargas, R. G. Castro and S. I. Wright
AT	High Strain Rate Behavior of Refractory Metals and Alloys, Edited by R. Asfahani, E. Chen, and Andrew Crowson, The Minerals, Metals & Materials Society, (month unavailable) 1992, pgs. 27, 29, 31, 33, 35, 37, 39, 41 & 43, Characterization of Extruded and Forged Tantalum Powder Metallurgy Preforms by C. A. Michaluk, R. I. Asfahani and D. C. Hughes
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